Stephen F. Austin State University
Arthur Temple College of Forestry & Agriculture

Course Offering Chronology for a degree in Environmental Science

Revised 05/2021

Environmental Science Core

Course	Course Title	Semester(s) Offered	Prerequisties
GISC 2324+2024	Introduction to Spatial Science	Fall and Spring	None
GISC 3390+3090	GIS in Natural Resources	Fall and Spring	GISC 2324+2024
ENVR 1301+1101	Introduction to Environmental Science	Fall, Spring, and Summer	None
ENVR 2309+2009 OR BIOL 3381	Forest Ecology General Ecology	Fall and Spring Any Semester	None
ENVR 2310+2010	Environmental Measurements	Fall ONLY	ENVR 1301+1001
ENVR 3310	Environmental Health and Safety	Spring ONLY	CHEM 1307+1107
FORS 4357 OR ENVR 3348	Environmental Attitudes and Issues Natural Resource Policy	Spring ONLY Fall ONLY	None Junior or Senior Standing
ENVR 3349+3049	Environmental Soil Science	Fall ONLY	CHEM 1312+1112
ENVR 4302+4002	Wetland Delineation and Function	Fall ONLY	ENVR 3349+3049
ENVR 4303+4003	Remediation and Reclamation of Disturbed Land	Spring ONLY	ENVR 3349+3049, FORS 3349+3049 or AGET 331
ENVR 4312+4012	Environmental Hydrology	Spring ONLY	ENVR 3349+3049; NO EXCEPTIONS
ENVR 4315+4015	Environmental Assessment and Management	Spring ONLY	Senior Standing and ENVR 3349, 4302, 4312, 4350 preferred
ENVR 4320+4020	Landscape Ecology and Planning	Spring ONLY	GISC 2324+2024 or AGM 325, FORS/ENVR 2309+2009
ENVR 4350	Air Quality Assessment	Spring ONLY	Junior or Senior Standing; ENVR 2310 preferred
ENVR 4170	Senior Seminar	Fall ONLY	15 credit hrs in ENVR SCI
BIOL 1306+1106	Biology I for science majors	Any Semester	None
BIOL 1307+1107	Biology II for science majors	Any Semester	None
BLAW 4378	Environmental Regulatory Law	Fall ONLY	Junior Standing (Contact COB: 936-468-3103)
MATH 1342	Intro to Statistics	Any Semester	TSI Ready
CHEM 3330+3130	Fundamentals of Organic Chemistry	Spring ONLY	"C" in CHEM 1312+1112

Concentrations

Environmental Science Land, Air, and Water Resources

Course	Course Title	Semester(s) Offered	Prerequisties
---------	Twelve (12) hours from options listed		
CHEM 3421+3021	Quantitative Analysis		
CHEM 3311	Inorganic Chemistry		
CHEM 4443+4043	Instrumental Analysis		
BIOL 2381	Local Flora		
BIOL 3390	Contemporary BIOLlogy		
BIOL 4317	Special Topics- Marine Biology	Spring	
BIOL 3421+3021	MicroBiology		BIOL 1306, 1307, and CHEM 1311
BIOL 3360+3060	Mycology		BIOL 2361 and 2371
BIOL 3331+3031	General Entomology		BIOL 2361 and 2371
BIOL 3362	Economic Botany		BIOL 2361 and 2371
BIOL 3461	Plant Kingdom		BIOL 2361 and 2371
BIOL 3433+3033	Economic Entomology		BIOL 2361 and 2371
BIOL 4315+4015	Princ. of Electron Microscopy		BIOL 2361 and 2371
BIOL 4366+4066	Plant Pathology		BIOL 2361 and 2371
BIOL 4444+4044	Herpetology		BIOL 2361 and 2371
BIOL 4484 + 4084	Limnology		BIOL 2361 and 2371
FORS 2319 + 2019	Dendrology	Fall & Spring	
GEOL 1306+1106	Introductory Geology		
GEOL 1304+1104	The Earth Through Time		
GEOL 3303	Oceanography		
GEOL 3330+33810	Geomorphology		
GEOL 3350	Environmental Geology		
GEOL 4320+4020	Geochemistry		
GEOL 4349+4049	Hydrogeology		
GEOL 4350	Cave and Karst Systems		
PHYS 1305+1105	General Physics I		
PHYS 1307+1107	General Physics II		
---------	Five (6) hours of Approved Electives		Consult Advisor

Discipline Specialization Track

Course	Course Title	Semester(s) Offered	Prerequisties
---------	Eighteen (18) hours of Approved Electives towards a Second Major or a Minor		Consult Advisor